

IFW 2814

MMC.033AUS

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

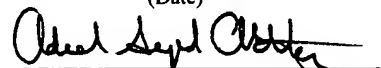
Applicant : Kim et al.  
Appl. No. : 10/007,304  
Filed : December 5, 2001  
For : COPPER INTERCONNECT  
STRUCTURE HAVING  
STUFFED DIFFUSION BARRIER  
Examiner : Rao, S.  
Group Art Unit : 2814

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

May 10, 2004

(Date)

  
Adeel S. Akhtar, Reg. No. 41,394

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

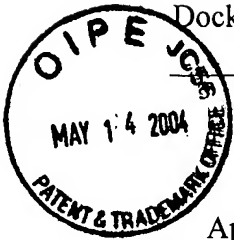
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The present paper is submitted in response to the Office Action mailed on February 12, 2004. Applicants respectfully request entry of the following amendments and consideration of the subsequent remarks.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 5 of this paper.



Docket No.: ASMMC.033AUS

Customer No.: 20,995

**AMENDMENT / RESPONSE TRANSMITTAL**

Applicant : Kim et al.  
Appl. No. : 10/007,304  
Filed : December 5, 2001  
For : COPPER INTERCONNECT  
STRUCTURE HAVING  
STUFFED DIFFUSION  
BARRIER  
Examiner : Rao, S.  
Group Art Unit : 2814

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

May 10, 2004

(Date)

Adeel S. Akhtar, Reg. No. 41,394

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing in the above-identified application are the following enclosures:

(X) Amendment and Response to Office Action in 7 pages.

The fee has been calculated as shown below:

FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Total Claims	19 - 58 = 0	1202 (\$18)	0 x 18 =	\$0
Independent Claims	4 - 7 = 0	1201 (\$86)	0 x 86 =	\$0
Multiple Claim		1203 (\$290)		\$0
			<b>TOTAL FEE DUE</b>	<b>\$0</b>

(X) Return prepaid postcard.

Docket No.: ASMMC.033AUS

Customer No.: 20,995



(X) Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

A handwritten signature in black ink, appearing to read "Adeel S. Akhtar".

Adeel S. Akhtar  
Registration No. 41,394  
Attorney of Record  
Customer No. 20,995  
(415) 954-4114

W:\DOCS\ANM\ANM-6876.DOC  
050704